

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION
Refer to: P/N #2002-1B-147-C

17 May 2002

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344) and the South Carolina Coastal Zone Management Act (48-39-10 et seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

RALPH TEAL
NATIONS HOMES
357 LAKE ARROWHEAD ROAD
NORTH MYRTLE BEACH, SOUTH CAROLINA 29582

for a permit to place fill material in waters of the United States adjacent to

CEDAR CREEK RUN

at a location on a 103 acre tract of land approximately one and one-half miles northwest of the Town of Little River on Horseshoe Road in Horry County, South Carolina (Latitude 33.88207N, Longitude 78.63422W).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, 17 JUNE 2002

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the placement of fill material in 1.32 acres of waters of the United States. In detail, the applicant proposes to place fill material in 0.86 acres of jurisdictional wetlands (W-2, W-3, W-4, and W-5). In addition, 0.46 acres of jurisdictional ditches within the tract will be filled and relocated as a single 0.22 acre drainage ditch along the northern boundary of the tract. Furthermore, 0.60 acres of waters of the United States (W-6, a small portion of W-5, and four sections of jurisdictional ditches) will be excavated from the adjacent uplands to create a 9.24 and 7.70 acre lake; however, these activities are non-jurisdictional. As mitigation for wetland impacts, the applicant proposes to preserve the remaining 4.89 acre wetland onsite and establish 2.74 acres of adjacent upland buffers of 53' average width. The purpose of the proposed impacts is to

17 May 2002

accommodate building pads, parking lots, and road crossings for a single-family residential development with an amenity area.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107.**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions of the South Carolina Coastal Zone Management Act (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State certification must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 1.92 acres of waters of the United States associated with estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has made no determination of effect on any Federally endangered, threatened, or proposed species. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any Federally listed or proposed to be listed endangered or threatened species and/or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

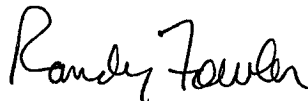
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Refer to: P/N #2002-1B-147-C

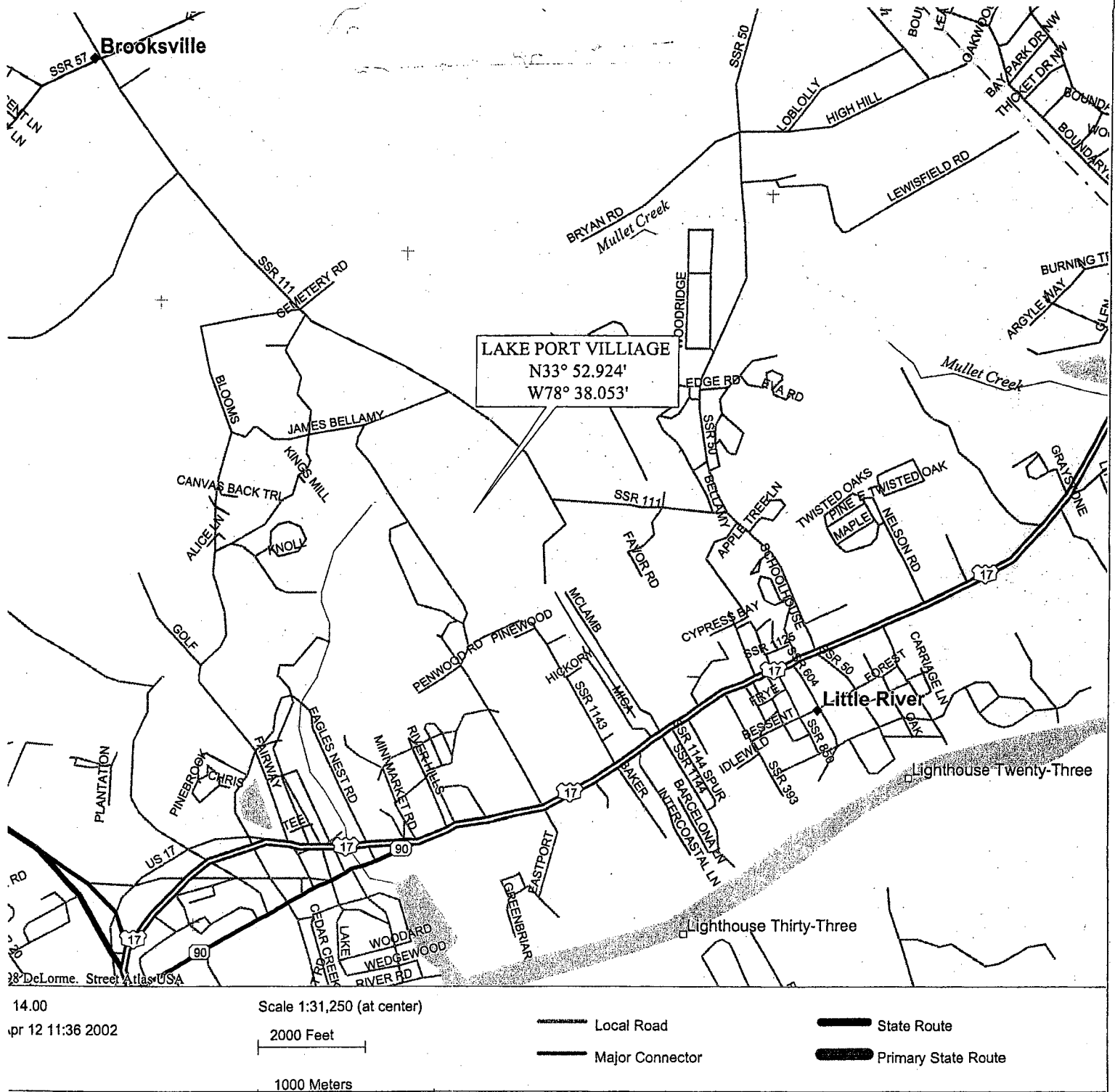
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact me at 843-329-8044 or toll free at 1-866-329-8187.



Randy Fowler
Project Manager
Regulatory Division
U.S. Army Corps of Engineers



PN # 2002-18-147

Figure 1: VICINITY MAP

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II

Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

WETLAND & ENVIRONMENTAL SERVICES, INC.

2411 OAK STREET, SUITE 108
MYRTLE BEACH, SC 29577
843.448.2009
FAX: 843.626.0193
www.wetlandenvironmental.com

Page #: 1 of 15



PN# 2002-13-147

Figure 2: TOPOGRAPHIC MAP

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

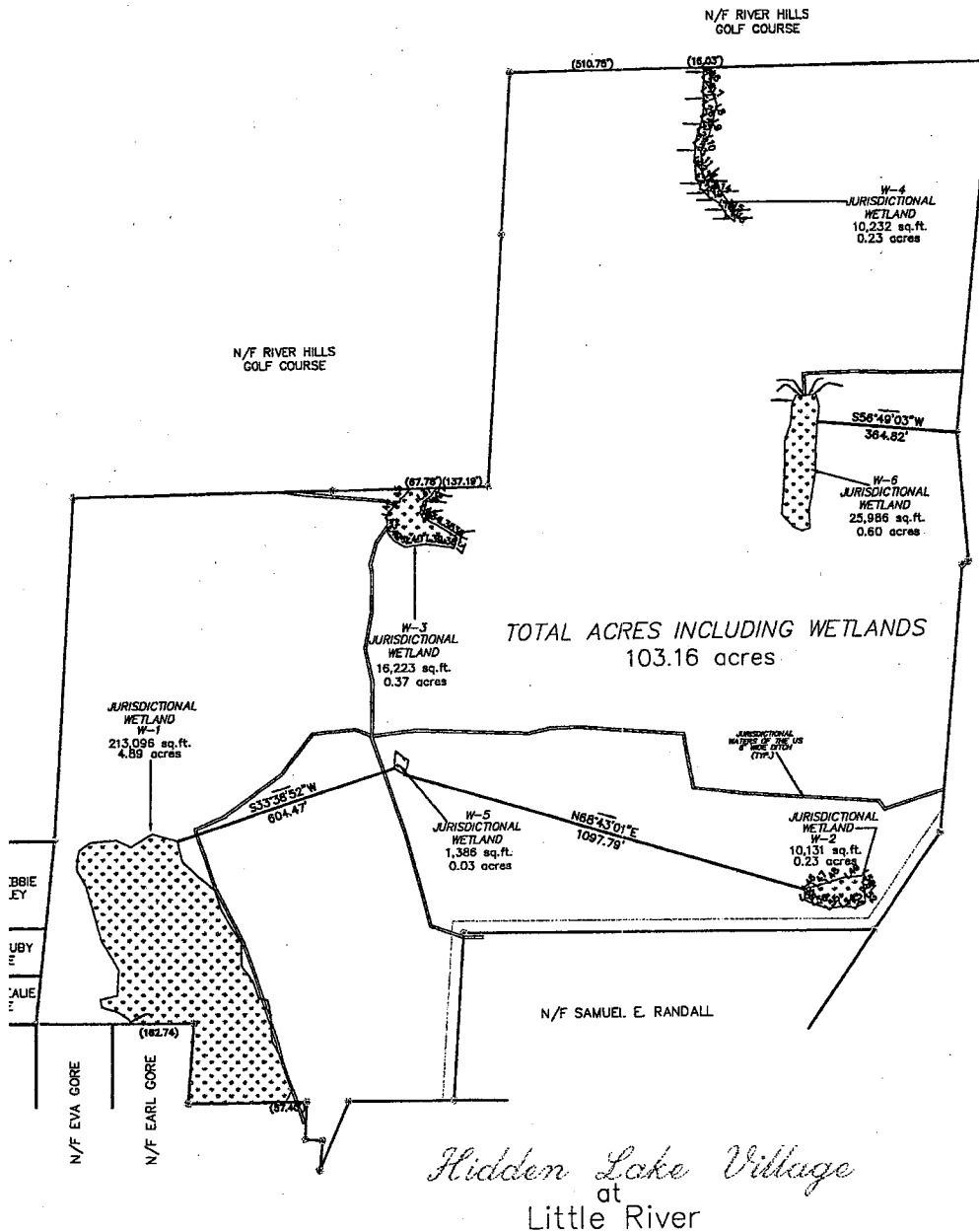
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

WETLAND & ENVIRONMENTAL SERVICES, INC.

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MYRTLE BEACH, SC 29577
943.448.2008
FAX: 943.828.0193
www.wetlandenvironmental.com

TOTAL JURISDICTIONAL (WATERS OF THE US) = 0.68 ACRES
 TOTAL JURISDICTIONAL WETLANDS = 6.35 ACRES
 TOTAL NON JURISDICTIONAL WETLANDS = 0.00 ACRES
 TOTAL UPLANDS = 96.13 ACRES
 TOTAL ACREAGE = 103.16 ACRES



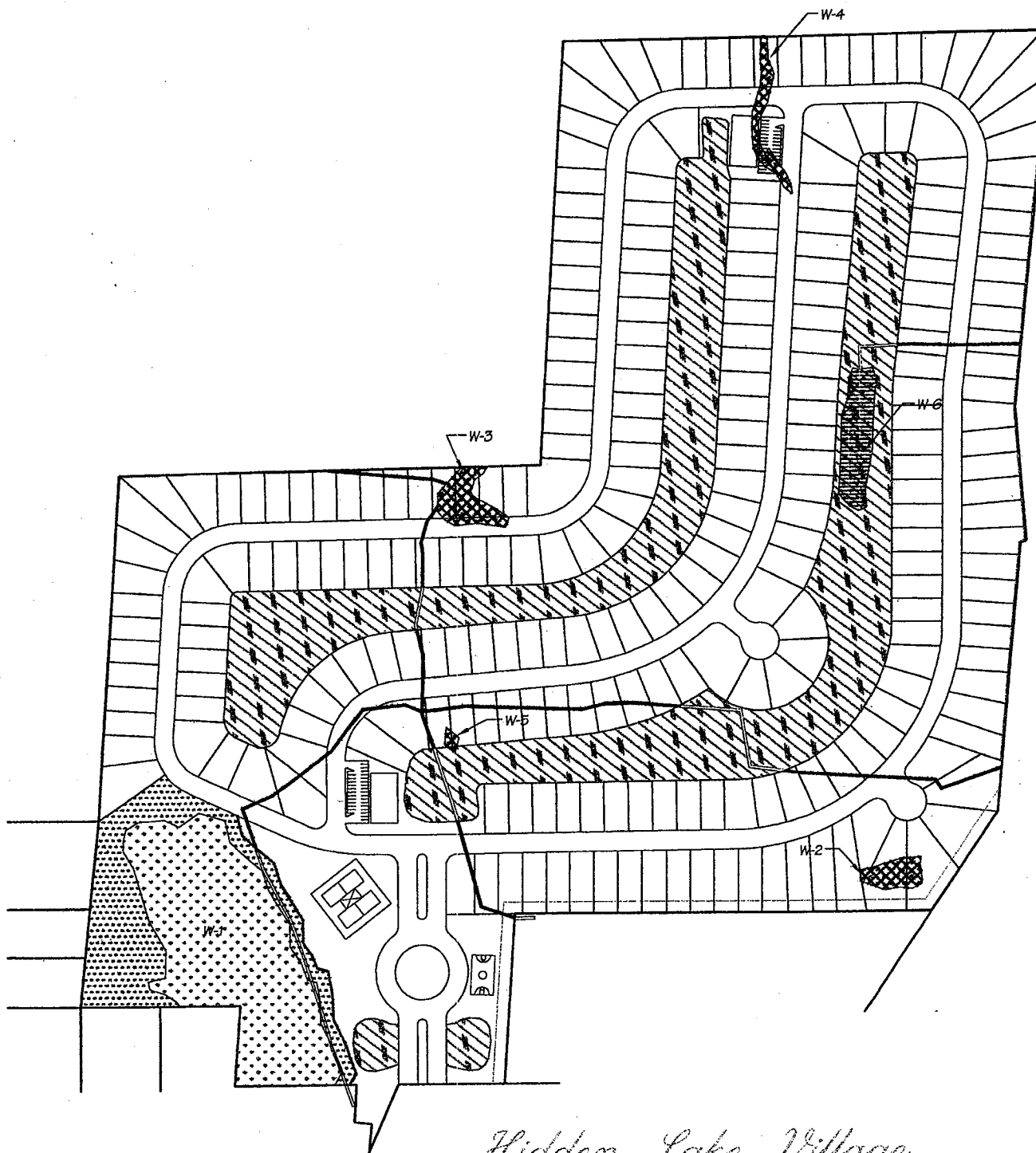
S.C. HIGHWAY 111 (66' R/W)

JURISDICTIONAL WATERS OF THE US =

LINE	LENGTH	BEARING
L1	17.23	S25°25'49"W
L2	19.24	S14°44'39"W
L3	72.50	N38°33'46"W
L4	44.75	S38°08'11"W
L5	98.84	N28°02'08"W
L6	59.84	S41°34'24"W
L7	38.31	S49°07'59"W
L8	39.36	S23°26'36"W
L9	41.89	S27°14'07"W
L10	36.64	S16°13'09"W
L11	30.66	S49°05'24"W
L12	33.95	S64°11'17"E
L13	17.97	N69°03'26"E
L14	15.94	S72°17'21"E
L15	68.18	S61°11'06"E
L16	17.75	S29°17'07"E
L17	24.15	S36°22'48"W
L18	39.69	N68°33'43"W
L19	36.71	S38°43'29"W
L20	33.63	N17°12'15"W
L21	32.75	N45°39'28"W
L22	58.61	N41°04'13"W
L23	57.84	N25°33'43"W
L24	33.16	N29°13'36"W
L25	33.83	N22°00'29"W
L26	36.37	N33°14'29"W
L27	26.21	N45°02'12"W
L28	32.36	N33°14'29"W
L29	24.46	N40°46'29"W
L30	33.99	S13°18'05"E
L31	24.90	S17°12'19"W
L32	36.71	S38°37'43"E
L33	13.36	S33°09'01"E
L34	24.18	N11°23'20"E
L35	27.18	N62°27'09"E
L36	27.25	N68°14'09"E
L37	27.13	S16°12'15"W
L38	20.37	S41°07'34"W
L39	42.22	S48°16'29"W
L40	58.72	S43°23'07"W
L41	38.18	S19°04'43"W
L42	27.10	N79°33'08"W
L43	44.69	S37°09'01"E
L44	35.14	N62°46'29"E
L45	55.82	N29°42'25"E
L46	53.11	N28°48'44"E
L47	16.80	S34°46'27"E
L48	47.83	N34°56'07"E
L49	36.10	N48°47'02"E
L50	18.16	S29°13'21"E
L51	24.36	S48°36'39"E
L52	39.50	S37°48'06"E
L53	27.75	S26°13'27"W
L54	24.16	S30°00'46"W
L55	37.42	S42°08'25"W
L56	48.18	S73°24'29"W
L57	19.31	S73°33'19"E
L58	27.49	N28°39'33"W
L59	11.70	S23°05'25"E
L60	35.64	N62°22'01"E
L61	45.06	N70°12'11"E
L62	12.86	S49°48'40"E
L63	46.25	S39°15'15"W
L64	64.26	S29°28'13"E
L65	90.09	S48°06'23"E
L66	64.74	S2°34'08"E
L67	78.36	S24°12'05"E
L68	80.99	S44°36'07"E
L69	31.15	S35°33'01"E
L70	22.50	S24°07'19"E
L71	39.23	S19°13'23"W
L72	67.70	S47°07'56"W
L73	42.82	S77°36'49"W
L74	64.09	S19°15'22"W
L75	69.25	S38°04'26"W
L76	57.61	N61°46'29"W
L77	56.85	N84°33'39"W
L78	28.09	N87°46'29"W
L79	32.31	N25°02'45"W
L80	39.92	N67°33'17"W
L81	62.40	N19°22'13"W
L82	68.50	N28°03'29"W
L83	36.66	N73°25'08"E
L84	43.22	N59°36'49"W
L85	24.48	S43°38'11"W
L86	38.20	N48°20'07"W
L87	67.31	N45°37'16"W
L88	63.67	N64°35'06"W
L89	71.61	N37°06'45"W
L90	37.28	N38°39'22"W

Robert A. Warner and Associates, Inc.
 Professional Land Surveying, Mapping and Planning
 1504 Professional Drive, Suite D-1
 Myrtle Beach, South Carolina 29577
 Phone: (843) 692-2343
 Fax: (843) 692-0670
 E-mail: R.WARNER@AOL.COM

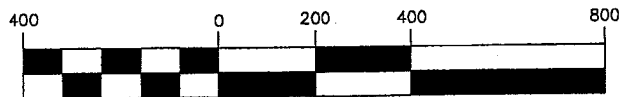




Hidden Lake Village
at
Little River

Vaden CAD
Contracting

Autodesk Licensed Computer Drafting Specialist
2411 Oak St., Suite 107 Myrtle Beach, SC 29577
843.458.3035 ghaynes1@scoast.net
www.vadencad.com



PN# 2002-1B-147

Figure 4: SITE PLAN

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

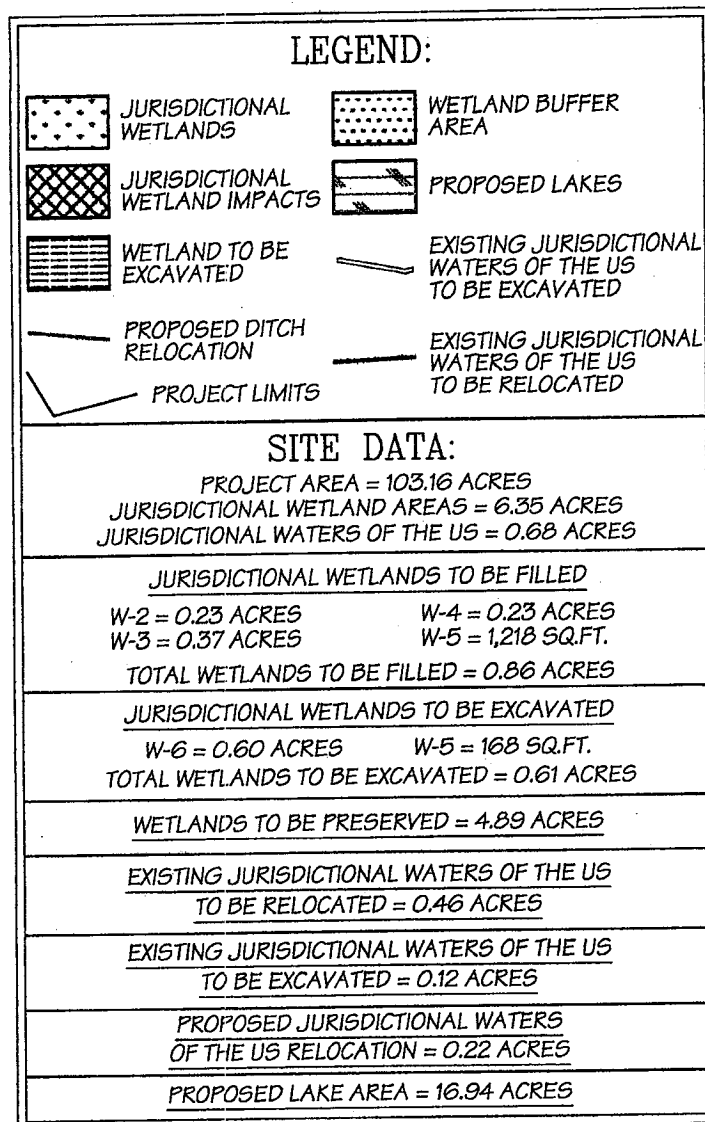
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

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NOTES:

1. THIS PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
2. FOR CURRENT ZONING AND SETBACK REQUIREMENTS, CONTACT THE HORRY COUNTY OFFICE OF ZONING.
3. REFERENCE PLAT ENTITLED "MAP OF 113.13 ACRES OF LAND NEAR LITTLE RIVER" SURVEYED BY DATED APRIL 9, 1994.
4. THIS PROPERTY IS LOCATED IN ZONE "X-OUT" AS SHOWN ON FEMA MAP No. 45051C0420 H, DATED AUGUST 23, 1999.
5. I HEREBY CERTIFY THAT THIS IS A RESURVEY OF AN EXISTING LOT OF RECORD WITH NO BOUNDARY CHANGES WHATSOEVER.
6. THE WETLANDS ON THIS PLAT WERE LOCATED WITH A TRIMBLE PRO X GPS WITH AN ACCURACY OF SUB METER.

PN# 2002-1B-147

Figure 5: LEGEND & NOTES

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II

Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

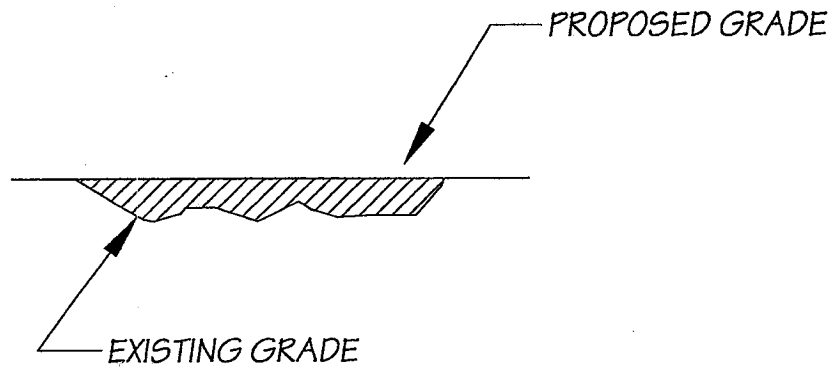
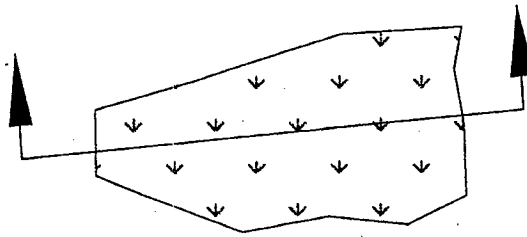
Project Location: SC HWY S-26-111
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Figure 6: WETLAND W-2 (FILLED)
PLAN VIEW & CROSS SECTION

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II

Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

Project Location: SC HWY S-26-111
LITTLE RIVER, SC

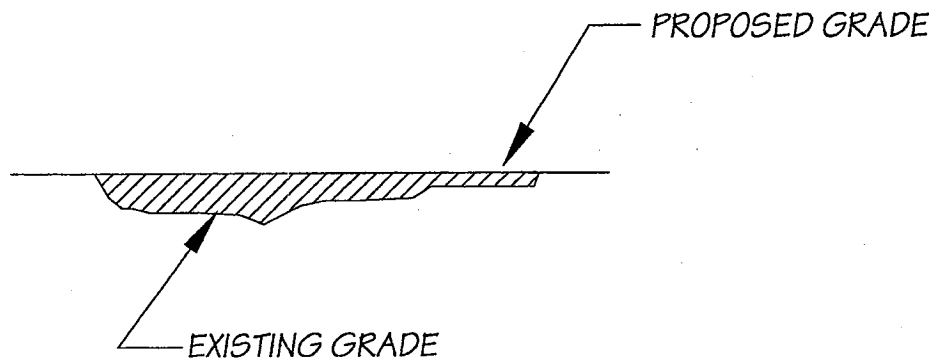
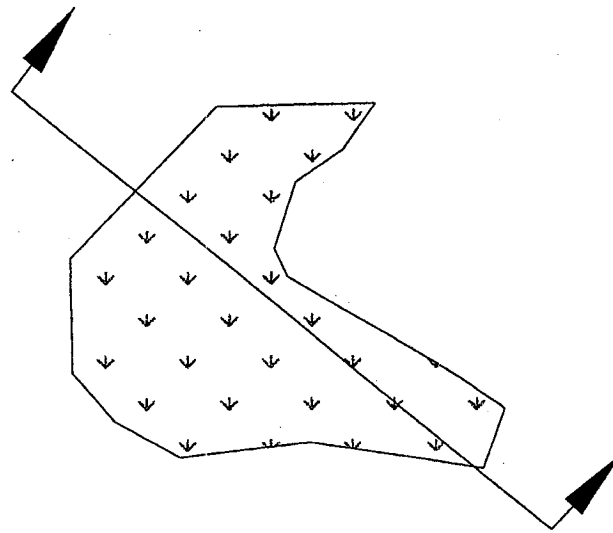
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Figure 7: WETLAND W-3 (FILLED)
PLAN VIEW & CROSS SECTION

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II

Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

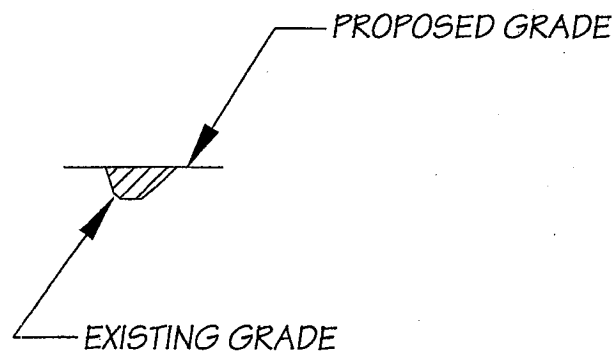
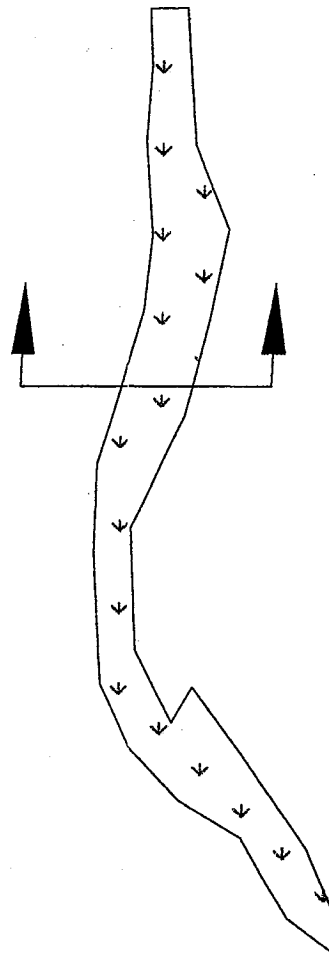
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

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www.wetlandenvironmental.com



PN# 2002-1B-147

Figure 8: WETLAND W-4 (FILLED)
PLAN VIEW & CROSS SECTION

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

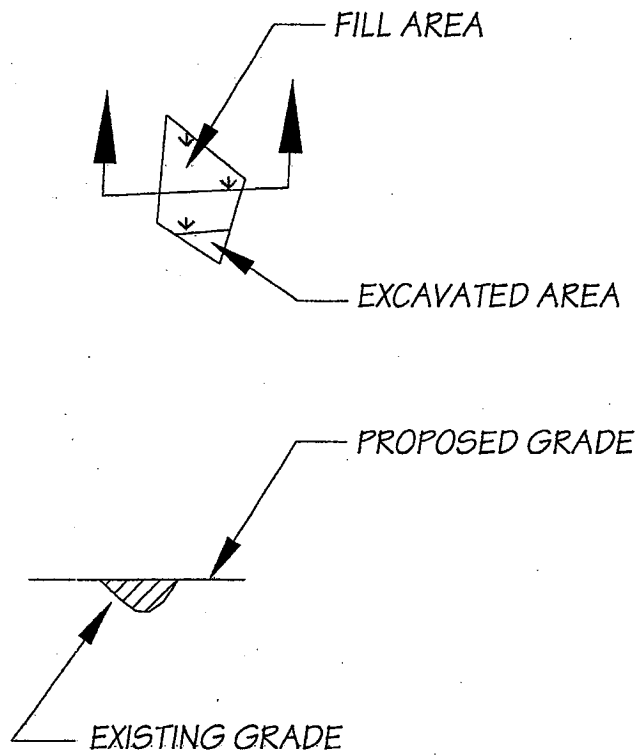
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

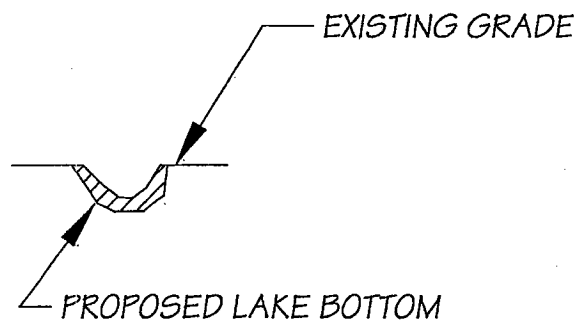
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W-5 - FILLED



W-5 - EXCAVATED

PN# 2002-18-147

Figure 9: WETLAND W-5 (EXCAVATED)
PLAN VIEW & CROSS SECTION

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II

Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

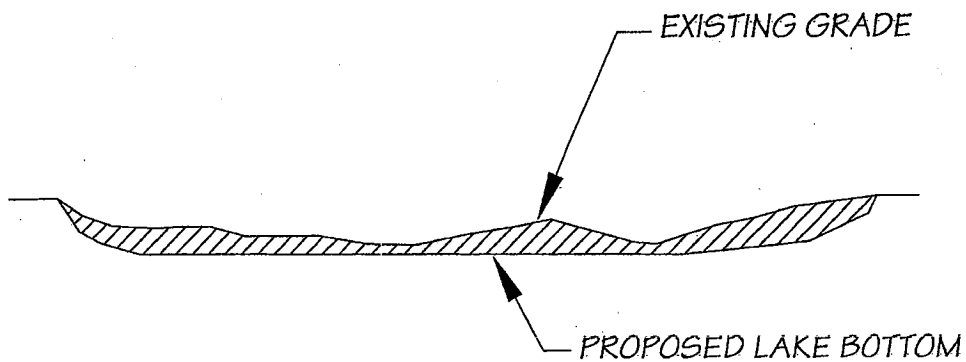
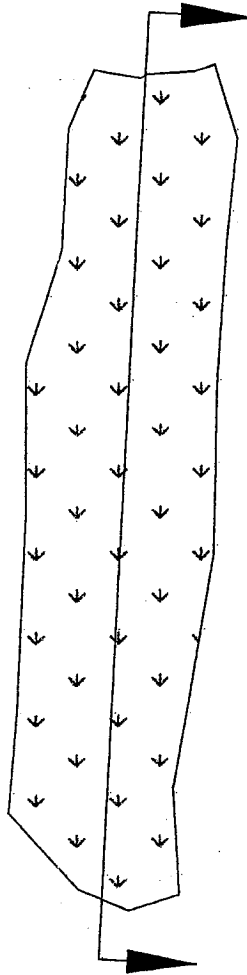
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

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PN# 2002-1B-147

Figure 10: WETLAND W-6 (EXCAVATED)
PLAN VIEW & CROSS SECTION

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

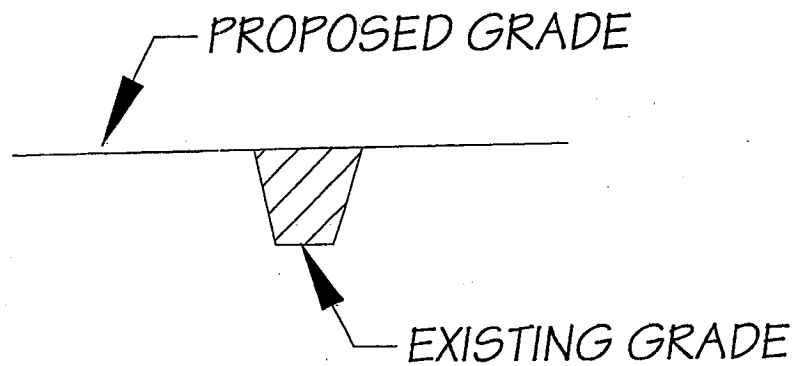
Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

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TYPICAL FILLED DITCH

PN # 2002-1B-147

Figure 11: JURISDICTIONAL WATERS OF THE US - CROSS SECTIONS	Project Title: HIDDEN LAKE VILLAGE	<div style="text-align: center;"> <h1 style="margin: 0;">WESI</h1> <p style="font-size: small; margin: 0;">WETLAND & ENVIRONMENTAL SERVICES, INC.</p> </div> <div style="text-align: right; font-size: x-small;"> 2411 OAK STREET, SUITE 108 MYRTLE BEACH, SC 29577 843.448.2009 FAX 843.626.0193 www.wetlandenvironmental.com </div>
Authorized Agent: WESI, Pam McIntyre Drawn By: VCC-GVH II Date: 4/22/02	Project Location: SC HWY S-26-111 LITTLE RIVER, SC	

Compensatory Mitigation
Credit Factors and Worksheets

Mitigation Summary Worksheet for Permit Application# **HIDDEN LAKE VILLAGE**

I. Required Mitigation

A. Total Required Mitigation Credits =	6.16
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II. Non-Banking Mitigation Credit Summary

	Credits	Acres
B. Creation		
C. Restoration and/or Enhancement	5.48	2.74
D. Total No Net Loss Non-Bank Mitigation = B + C	5.48	2.74
E. Preservation	2.15	2.15
F. Total Proposed Non-Bank Mitigation = D + E	7.63	4.89

III. Banking Mitigation Credit Summary

	Credits	Acres
G. Creation		
H. Restoration and/or Enhancement		
I. Total No Net Loss Bank Mitigation = G + H	0	0
J. Preservation		
K. Total Proposed Bank Mitigation = I + J	0	0


IV. Grand Totals

	Credits	Acres
L. Total Preservation Mitigation = E + J	2.15	2.15
M. Total Non-Preservation Mitigation = D + I	5.48	2.74
N. Total Proposed Mitigation = F + K	7.63	4.89

The total Mitigation Credits (Row N) should be equal to or greater than the total Required Mitigation Credits (Row A) for the proposed mitigation to be acceptable. The other requirements given in the SOP must also be satisfied, e.g., Row M must equal at least 50% of Row A, etc. If the answer to either of the questions below is NO, then the proposed mix and/or quantity of mitigation is not in compliance with the policy and the plan should be revised or rejected, unless a variance is approved.

	TRUE	FALSE
$PMC \geq RMC$ or in words Are the Credits in Row N greater than or equal to Row A?	TRUE	
$PMC_{Non-Preservation} \geq 1/2 RMC$ or in words Are the Credits in Row M greater than or equal to 50% of Row A?	TRUE	

PN # 2002-1B-147

Figure 12: MITIGATION SUMMARY WORKSHEET		Project Title: HIDDEN LAKE VILLAGE	<div align="center">  </div> <div> 2411 OAK STREET, SUITE 108 MYRTLE BEACH, SC 29577 843.448.2008 FAX 843.626.0193 www.wetlandenvironmental.com </div>
Authorized Agent: WESI, Pam McIntyre		Project Location: SC HWY S-26-111 LITTLE RIVER, SC	
Drawn By: VCC-GVH II	Date: 4/22/02	Page #: 12 of 15	

**Compensatory Mitigation
Mitigation Credit Worksheet
HIDDEN LAKE VILLAGE**

ADVERSE IMPACT FACTORS

Factors	Options						
Magnitude	$0.05 \times \sum AA_i$						
Dominant Effect	Fill 2	Impound 1.8	Dredge 1.6	Drain 1.4	Flood 1.2	Clear 1	Shade 0.5
Duration of Effects		7+years 2	5-7 years 1.5	3-5 years 1	1-3 years 0.5	0-1 years 0.1	Seasonal 0.1
Existing Conditions		Class 1 2	Class 2 1.5	Class 3 1	Class 4 0.5	Class 5 0.3	Class 6 0.1
Rarity Ranking			Imperiled †	Vulnerable †	Rare 2	Uncommo 0.5	Common 0.1
Lost Kind			Kind A 2	Kind B 1.5	Kind C 1	Kind D 0.5	Kind E 0.1
Preventability				High 2	Moderate 1	Low 0.5	None 0

† These factors are determined on a case-by-case basis

Magnitude is an evaluation of the cumulative adverse impacts to aquatic sites for the overall project. This factor is proportional to the acres of impact. The formula used to calculate this value is $0.05 \times \sum AA_i$, where $\sum AA_i$ stands for the sum of the acres of adverse impacts to aquatic areas for the overall project. When computing this value, round to the nearest tenth decimal place using even number rounding. For example, 0.01 and 0.050 are rounded down to give a value of 0 while 0.051 and 0.09 are rounded up to give 0.1 as the value for the magnitude factor.

REQUIRED MITIGATION CREDITS SAMPLE WORKSHEET

FACTOR	WETLAND 2	WETLAND 3	WETLAND 4	WETLAND 5
Magnitude	0.1	0.1	0.1	0.1
Dominant Effect	2	2	2	2
Duration	2	2	2	2
Existing Conditions	1.5	1.5	1.5	1.5
Rarity Ranking	0.5	0.5	0.5	0.5
Lost Kind	0.5	1	0.1	0.1
Preventability	0.5	0.5	0.5	0.5
Sum of Factors	7.1	7.6	6.7	6.7
Impacted Area	0.23	0.37	0.23	0.026
R x AA	1.633	2.812	1.541	0.1742

Required Credits = 6.1602 = 6.16

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Figure 13: ADVERSE IMPACT FACTORS

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

Project Location: SC HWY S-26-111
LITTLE RIVER, SC

WESI

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**Compensatory Mitigation
Credit Factors and Worksheets**

PRESERVATION MITIGATION FACTORS

Factors	Options					
Control	Subdivided 0.1	Private 0.2	POA 0.3	Conservancy 0.4		
Degree of Threat	None 0	Low 0	Moderate 0.1	High 0.2		
Kind	Buffers † 0	Category 5 0	Category 4 0.1	Category 3 0.2	Category 2 0.3	Category 1 0.4
Location	Buffers † 0	Zone 5 0	Zone 4 0.1	Zone 3 0.2	Zone 2 0.3	Zone 1 0.4

† When allowed, upland buffers are given a value of zero for kind and location factors.

The following definitions are reproduced here for ready reference.

Category 1 is In-Kind for non-mitigation banks and is specifically defined for mitigation banks.

Category 2 is defined for each mitigation bank following an assessment of the bank.

Category 3 is defined for each mitigation bank following an assessment of the bank.

Category 4 is Out-of-Kind for non-mitigation banks and is specifically defined for mitigation banks.

Category 5 is defined for each mitigation bank following an assessment of the bank.

Zone 1 means On-Site for non-mitigation banks and is specially defined for mitigation banks.

Zone 2 means Inside for non-mitigation banks and is specially defined for mitigation banks.

Zone 3 is defined for each mitigation bank following an assessment of the bank.

Zone 4 means Outside for non-mitigation banks and is specially defined for mitigation banks.

Zone 5 is defined for each mitigation bank following an assessment of the bank.

When an exception is approved to allow mitigation credit for buffer zones, the buffers are given a value of zero for the kind and location factors. Mitigation Banks shall not be used as compensatory mitigation for impacts which do not clearly fit into one of the defined categories or which are outside of the bank's defined zones unless approved on a case specific basis.

Proposed Preservation Mitigation Sample Worksheet

Factors	WETLAND
Control	0.2
Threat	0
Kind	0.4
Location	0.4
Sum of M Factors	$M_1 = 1$
Mitigation Area	$A_1 = 2.15$
M x A	2.15

Total Preservation Credits = Sum of all (M x A) = 2.15

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Figure 14: PRESERVATION MITIGATION FACTORS

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

Project Location: SC HWY S-26-111
LITTLE RIVER, SC

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Compensatory Mitigation
Credit Factors and Worksheets
HIDDEN LAKE VILLAGE

RESTORATION/ENHANCEMENT MITIGATION FACTORS

Factors	Options				
Net Improvement	Modest Enhancement 0.1-----		Excellent Restoration -----2.0		
Soils		N.A. 0	U.S.S. 0	T.S.S 0.1	E.S.S † 0.3
Hydrology		N.A. 0	Mechanical 0	Created 0.1	Natural † 0.3
Vegetation			N.A. 0	Natural † 0.1	Planted † 0.3
Maintenance		N.A. † 0	Moderate 0	Low 0.1	None 0.3
Monitoring & Contingencies Plan	N.A. † 0	Minimum 0.1	Moderate 0.2	Substantial 0.3	Strong 0.4
Credits Schedule	Schedule 5 0	Schedule 4 0.1	Schedule 3 0.2	Schedule 2 0.3	Schedule 1 0.4
Kind	Category 5 0.1	Category 4 0.2	Category 3 0.3	Category 2 0.4	Category 1 0.5
Location	Zone 5 0.1	Zone 4 0.2	Zone 3 0.3	Zone 2 0.4	Zone 1 0.5

N.A. - Not Applicable

† Use this option to calculate credits for enhancement by buffering.

R/E WORKSHEET

Factors	Area 1
Net Improvement	0.1
Soils	0.3
Hydrology	0.3
Vegetation	0.1
Maintenance	0
M & C Plan	0
Credit Schedule	0.4
Kind	0.3
Location	0.5
Sum of M Factors	M ₁ = 2
Mitigation Area	A ₁ = 2.74
M x A	5.48

Total Enhancement Credits = Sum of all (M x A) = 5.48

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Figure 15: RESTORATION/ENHANCEMENT
MITIGATION FACTORS

Authorized Agent: WESI, Pam McIntyre

Drawn By: VCC-GVH II Date: 4/22/02

Project Title: HIDDEN LAKE VILLAGE

Project Location: SC HWY S-26-111
LITTLE RIVER, SC

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